

12. (new) A strutless building module for use in assembling a dome structure including a plurality of said modules, said module comprising:

a polygonal member having a center, an exterior surface, an interior surface, a lower edge, a plurality of angled sides, and a plurality of faces each one of which has an outer edge intersecting one of said sides and inclined upwardly from said side so that said plurality of faces converge in a point at substantially the center of said polygonal member;

means for erecting the dome structure in courses utilizing an overhead hoist; and

connection means for joining at least one angled side of each module of the dome structure to at least one angled side of an adjacent module.

13. (new) A strutless building module as recited in claim 12, wherein said means for erecting the dome structure in courses comprises:

a center connector affixed to said center of said polygonal member.

14. (new) A strutless building module as recited in claim 13, wherein said center connector comprises a center connecting bolt, a center connecting washer positioned over said center connecting bolt, said center connecting bolt depending downwardly from said interior surface of said module when said module is laid flat on its lower edge.

15. (new) A strutless building module as recited in claim 14, wherein said center connector bolt is integrally formed into said polygonal member.

16. (new) A strutless building module as recited in claim 13, wherein said connection means comprises a plurality of bolts and complementary nuts, and wherein each of said sides of said polygonal member includes at least one aperture for insertion of one of said bolts.

17. (new) A strutless building module as recited in claim 13, wherein each of said angled sides depends downwardly from said exterior surface of said polygonal member at an angle in the range of 64 to 74 degrees.

18. (new) A strutless building module as recited in claim 13, wherein each of said faces is inclined upwardly from its outer edge to the center of said module at an angle in the range of eight to eighteen degrees.

19. (new) A strutless building module as recited in claim 13 wherein said polygonal member is substantially pentagonal.

20. (new) A strutless building module as recited in claim 1, wherein said polygonal member is substantially hexagonal.

21. (new) A strutless building module as recited in claim 13 further including a disc member, said disc being substantially circular and concentric with center connector washer, said disc having a convex side and a concave side, said convex side in approximation with the interior surface of said module.

22. (new) A strutless building module as recited in claim 21, wherein said disc member has a circumference that engages the sides of the module.

23. (new) A strutless building module as recited in claim 21, wherein said disc member is fabricated from polarized transparent material.